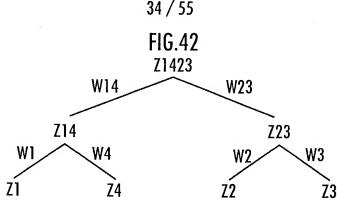
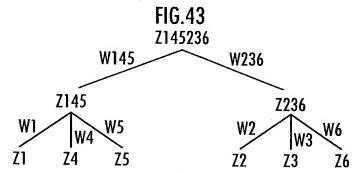


Appl. No. Not Yet Assigned National Stage of PCT Application No. PCT/JP2004/018072 Filed With Preliminary Amendment A Dated May 26, 2006 Page 3 of 6 Replacement Sheet



Z14_with_bias = W1 • Z1_with_bias + W4 • Z4_with_bias
Z23_with_bias = W2 • Z2_with_bias + W3 • Z3_with_bias
Z1423_with_bias = W14 • Z14_with_bias + W23 • Z23_with_bias

Z1_rel = Z1_with_bias - Z14_with_bias
Z4_rel = Z4_with_bias - Z14_with_bias
Z2_rel = Z2_with_bias - Z23_with_bias
Z3_rel = Z3_with_bias - Z23_with_bias
Z14_rel = Z14_with_bias - Z1423_with_bias
Z23_rel = Z23_with_bias - Z1423_with_bias



Z1_rel = Z1_with_bias - Z145_with_bias
Z4_rel = Z4_with_bias - Z145_with_bias
Z5_rel = Z5_with_bias - Z145_with_bias
Z2_rel = Z2_with_bias - Z236_with_bias
Z3_rel = Z3_with_bias - Z236_with_bias
Z6_rel = Z6_with_bias - Z236_with_bias
Z145_rel = Z145_with_bias - Z145236_with_bias
Z236_rel = Z236_with_bias - Z145236_with_bias

FIG.49

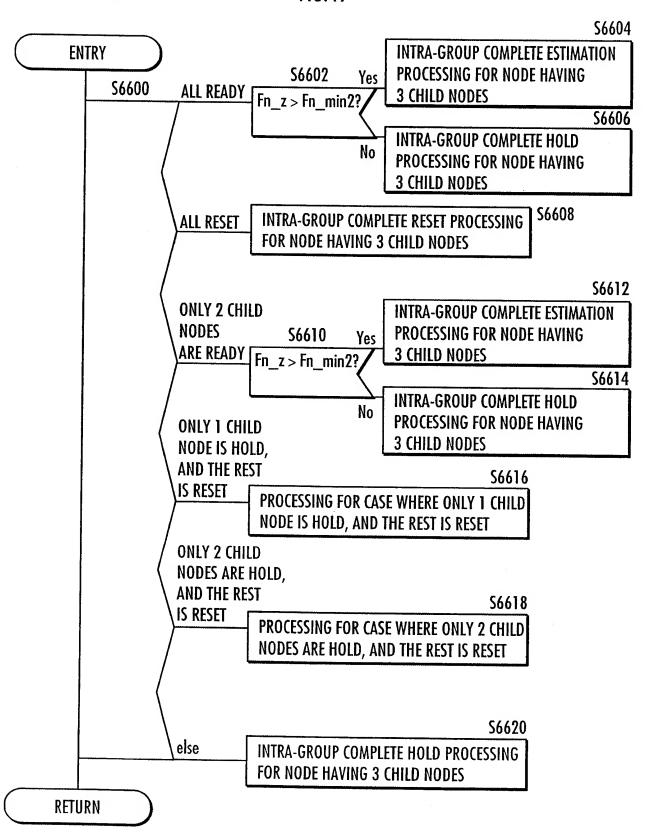


FIG.54

ENTRY (S6616)

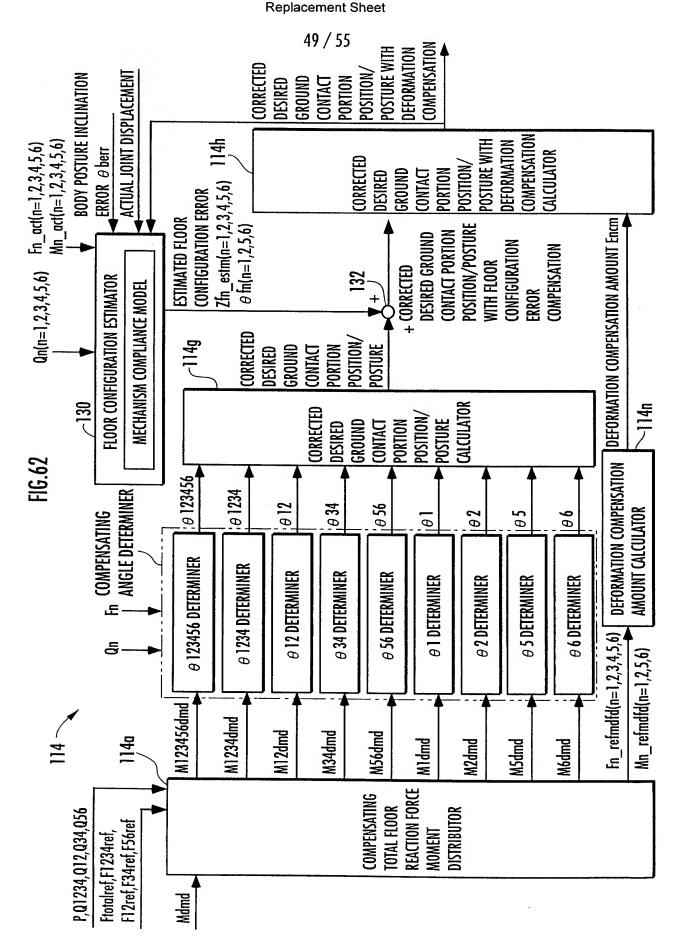
$$Zi_rel_estm = 0$$

$$Z_j_rel_estm = Z_j_rel_estm_p + (0 - Z_j_rel_estm_p)$$

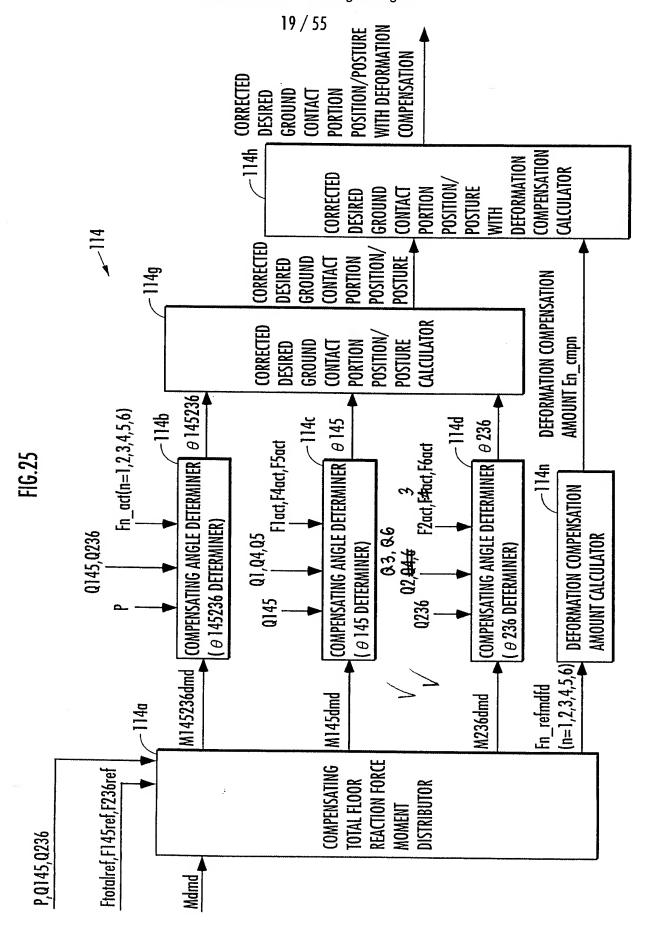
 $* \triangle T/(Testm + \triangle T)$

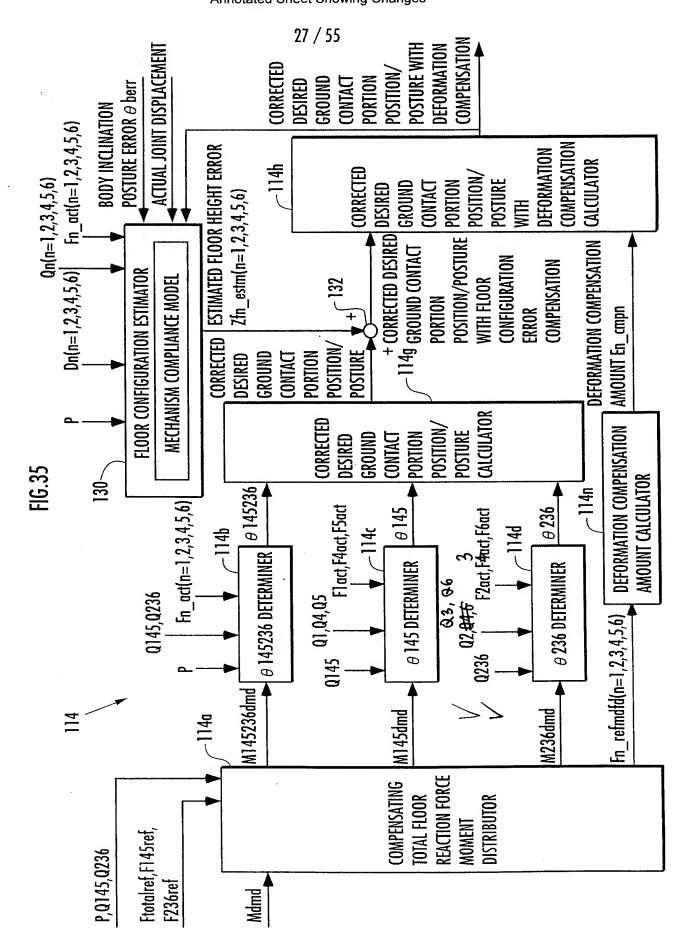
$$\begin{split} Zk_rel_estm &= Zk_rel_estm_p + (0 - Zk_rel_estm_p) \\ &\quad * \triangle T/(Testm + \triangle T) \end{split}$$

RETURN

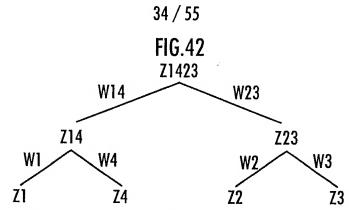






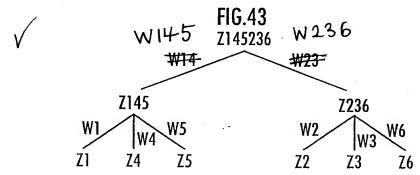


Appl. No. Not Yet Assigned National Stage of PCT Application No. PCT/JP2004/018072 Filed With Preliminary Amendment A Dated May 26, 2006 Page 3 of 6 Annotated Sheet Showing Changes



Z14_with_bias = W1 • Z1_with_bias + W4 • Z4_with_bias
Z23_with_bias = W2 • Z2_with_bias + W3 • Z3_with_bias
Z1423_with_bias = W14 • Z14_with_bias + W23 • Z23_with_bias

Z1_rel = Z1_with_bias - Z14_with_bias
Z4_rel = Z4_with_bias - Z14_with_bias
Z2_rel = Z2_with_bias - Z23_with_bias
Z3_rel = Z3_with_bias - Z23_with_bias
Z14_rel = Z14_with_bias - Z1423_with_bias
Z23_rel = Z23_with_bias - Z1423_with_bias



 $Z145_with_bias = W1 \cdot Z1_with_bias + W4 \cdot Z4_with_bias + W5 \cdot Z5_with_bias$ $Z236_with_bias = W2 \cdot Z2_with_bias + W3 \cdot Z3_with_bias + W6 \cdot Z6_with_bias$ $Z145236_with_bias = W145 \cdot Z145_with_bias + W236 \cdot Z236_with_bias$

Z1_rel = Z1_with_bias - Z145_with_bias
Z4_rel = Z4_with_bias - Z145_with_bias
Z5_rel = Z5_with_bias - Z145_with_bias
Z2_rel = Z2_with_bias - Z236_with_bias
Z3_rel = Z3_with_bias - Z236_with_bias
Z6_rel = Z6_with_bias - Z236_with_bias
Z145_rel = Z145_with_bias - Z145236_with_bias
Z236_rel = Z236_with_bias - Z145236_with_bias

FIG.49

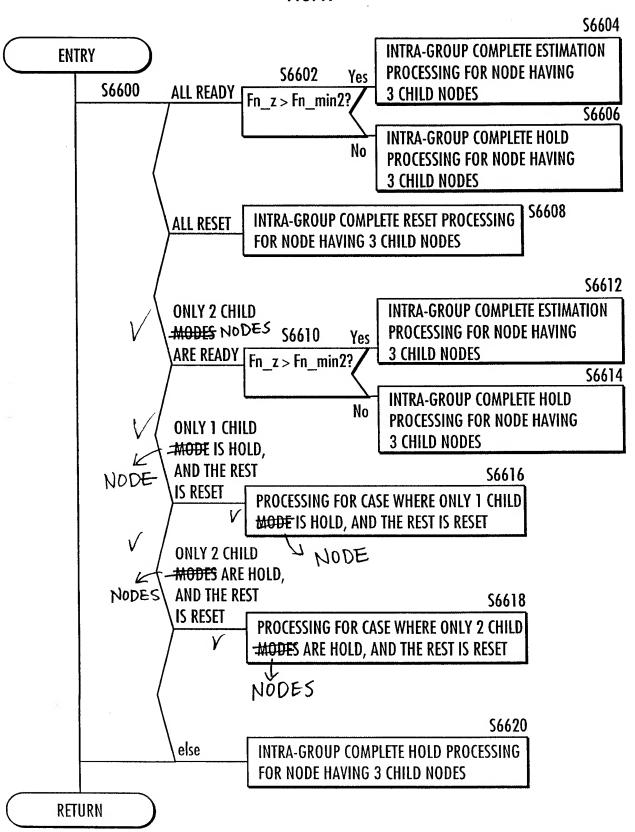


FIG.54

ENTRY

(\$6616)

$$Zj_rel_estm = Zj_rel_estm_p + (0 - Zj_rel_estm_p)$$

 $* \Delta T/(Testm + \Delta T)$

$$Zk_rel_estm = Zk_rel_estm_p + (0 - Zk_rel_estm_p)$$
 $* \Delta T/\frac{+\Delta T}{(Testm + \Delta T)}$

RETURN

